

## ABSTRACT

### Data Logging Method, Apparatus, System and Computer Program

5 A technique of logging updates to a plurality of data records into discrete pages in  
non-volatile storage, wherein a page partially full of data is known as a partial page. Identical  
partial pages I and I+1 are established in the logging process as quickly as possible.  
Thereafter, in response to a data segment D larger than the remaining space of a most recent  
updated partial page I, D is partitioned into a first segment D1 sufficient to fill the remaining  
space of page I and a second data segment D2. Page I is updated with a first write operation  
to its present contents concatenated with D1, and identical partial pages containing D2 are  
created at I+1 and I+2 with a second write operation, whereby those pages become pages I  
and I+1 for the next logging operation.